

Project Title	Funding	Institution
Investigation of the role of MET kinase in autism	\$488,411	Johns Hopkins University School of Medicine
A better understanding of the therapeutic actions of specific neuroleptics in autism	\$165,572	The Rockefeller University
Neurexin-neuroligin trans-synaptic interaction in learning and memory	\$200,000	Columbia University
A mouse knock-in model for Engrailed 2 autism susceptibility	\$152,764	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
Animal models of neuropsychiatric disorders	\$1,537,274	National Institutes of Health
Regulation of gene expression in the brain	\$1,548,920	National Institutes of Health
The functional neuroanatomy of memory systems in the human brain	\$1,653,734	National Institutes of Health
Role of UBE3A in neocortical plasticity and function	\$367,500	Duke University
Synaptic and circuitry mechanisms of repetitive behaviors in autism	\$400,000	Duke University Medical Center
Generation of genetic models of autism in mice	\$60,000	New York University School of Medicine
Genomic imbalances at the 22q11 locus and predisposition to autism	\$400,000	Columbia University
Exploring the role of synaptic proteins in mouse models of autism	\$165,572	The Rockefeller University
Models and mechanisms - 1	\$127,050	Massachusetts Institute of Technology
Models and mechanisms - 2	\$90,000	Boston Children's Hospital
Oxidative stress: Rat study	\$40,000	Brigham and Women's Hospital
Cellular and molecular alterations in gabaergic inhibitory circuits by mutations in MECP2, a gene implicated in the Rett syndrome of the autism spectrum disorders	\$441,032	Cold Spring Harbor Laboratory
Dysregulation of p13/AKT in mouse models for social interaction deficits and for ASD with macrocephaly	\$204,926	University of Texas Southwestern Medical Center
Testing the effects of cortical disconnection in non-human primates	\$150,000	Salk Institute for Biological Studies
Distinct function of the neuroligin 3 postsynaptic adhesion complex	\$45,972	Columbia University
Regulation of MET expression in autism disorder and forebrain ontogeny	\$25,583	Vanderbilt University
Analysis of 15q11-13 GABA-A receptor defects in autism	\$30,772	University of California, Davis
Role of L-type calcium channels in hippocampal neuronal network activity	\$34,686	Stanford University
Analysis of FGF17 roles and regulation in mammalian forebrain development	\$51,886	University of California, San Francisco
A non-human primate autism model based on maternal infection	\$446,873	California Institute of Technology
Role of Wnt signaling through Dishevelled, Dact and p120catenin in forebrain development, synaptic physiology, and mouse behavior: Exploration of a pathway with many components linked to autism spectrum disorders	\$210,122	University of California, San Francisco
Perturbed activity dependent plasticity mechanisms in autism	\$296,372	Harvard Medical School
Connectopathic analysis of autism	\$234,451	Harvard University
Mice lacking Shank postsynaptic scaffolds as an animal model of autism	\$250,806	Massachusetts Institute of Technology
Using zebrafish and chemical screening to define function of autism genes	\$390,993	Whitehead Institute for Biomedical Research
Function and dysfunction of neuroligins	\$498,665	Stanford University

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Aberrant synaptic function due to TSC mutation in autism	\$150,000	Columbia University Medical Center
Neural and cognitive mechanisms of autism	\$1,500,000	Massachusetts Institute of Technology
Regulation of synaptogenesis by cyclin dependent kinase 5	\$327,398	Massachusetts Institute of Technology
Probing a monogenic form of autism from molecules to behavior	\$187,500	Stanford University
Molecular determinants of L-type calcium channel gating	\$402,500	Columbia University
Steroid receptors and brain sex differences	\$301,359	University of Wisconsin - Madison
Neurodevelopmental mechanisms of social behavior	\$546,302	Vanderbilt University
Cognitive mechanisms of serially organized behavior	\$307,187	Columbia University
Neocortical regionalization: Analysis of genetic and epigenetic influences	\$75,000	University of California, Riverside
Genetic analyses of ARX homeobox gene function in neurodevelopmental disorders	\$211,950	Brandeis University
Novel models to define the genetic basis of autism	\$800,694	Cold Spring Harbor Laboratory
The role of Shank3 in autism spectrum disorders	\$360,000	Mount Sinai School of Medicine

